PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

FACILITY LOCATION

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MONITORING PERIOD 礻

015 DISCHARGE NUMBER

NAME ADDRESS

Union Oil Company of California Attn: John Zager P.O. Box 196247 Anchorage, AK 99519-6247 Trading Bay Production Facility Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) AKG-31-5002 PERMIT NUMBER

OMB No. 2040-0004

LOCATION COOK THICK, AGGRE	Maska		_	_	ŀ	\mid	-	-	:			
	the state of the s				(20-21) (22-23)	ı	(26-27) (28-29)	(30-31)	_	NO IE: Read instructions before completing this form	perore con	Sample 1
PARAMETER /32-371	N.	(3 Card Only) (46-53)	QUANTITY OR LOADING		(# Card Unity) (38-45)	GOALITT OR CONCERTATION (46-53)	(54-61)		贝 奇	OF ANALYSIS		TYPE
1/		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)		(69-70)
015 Produced Water	SAMPLE	3.815972	4.117638	MGD						Weekly		Estimate
Flow Rate*	REQUIREMENT	Report	Report	MGD						Weekly		Estimate
015	SAMPLE											
Produced Water	MEASUREMENT						No Discharge					
Produced Sand	REQUIREMENT						No Discharge	20.00	1000 1000 1000 1000 1000 1000 1000 100			
015	SAMPLE											
Produced Water	MEASUREMENT				7		7	Su		4 / Month		Grab
pH**	PERMIT				Ď		6	S	men de	\Weeklγ		Grab
015	SAMPLE										•	
Produced Water	MEASUREMENT					15	19	mg/l		Weekly	Gr	Grab Average
Oil and Grease***	REQUIREMENT					29	*			Weekly	റ്റ	Grab Average
015	SAMPLE											
Produced Water	MEASUREMENT					On	On	hg/l		Monthly		Grab
Copper	REQUIREMENT					\$ 7		5		Monthly		Grab
015	SAMPLE											
Produced Water	MEASUREMENT					-		mg/l	-	Monthly		Grab
Manganese	REQUIREMENT					3	50	Tings.		Monthly		Grab
015	SAMPLE						•	:		<u>.</u>	-	
Produced Water	MEASUREMENT					0.2	0.2	ug/		Montaly		Grab
Mercury	REQUIREMENT					0		ug/		Monthly		Grab
015	SAMPLE							:				-
Produced Water	MEASUREMENT					15	15	ug/l		Monthly		Grab
Silver	PERMIT					13		CG .		Monthly		Grab
015	SAMPLE											}
Produced Water	MEASUREMENT				Company of the Management of the Company of the Com	O.OOO	with the tending to the standard in the wi-	7 SECTION 17	7 4 4	INICITIIII	-	9
Zinc	REQUIREMENT			art see		90	160	ng)		Monthly		Grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CUTIVE OFFICER	certify under penal	ty of law that this do	ocument and all at	certify under penalty of law that this document and all attachments were prepared under	ed under		/	J	TELEPHONE		DATE
	l	my direction or supe	ervision in accordan	ce with a system	my direction or supervision in accordance with a system designed to assure that qualified	qualified	W X			0037-376 (206	2	6
John Zager General Manager		personnel properly (gather and evaluate ns who manage the	the information s system or those	personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for	inquiry of	Timothy E	Timothy Brandenburg		(907) 276-7600	8	8
Mid Continent/Alaska Business Unit		gathering the inform	nation, the information	on submitted is, to	gathering the information, the information submitted is, to the best of my knowledge and belief, the constructs and complete it an event that there are significant populities for submitting	ge and belief,	SIGNA.	SIGNATURE OFFICER	ė.	RFA NUMBER	YEAR	N O
TYPED OR PRINTED		false information, in	duding the possibili	ity of fine and impr	false information, including the possibility of fine and imprisonment for knowing violations.	clations.	ОК АUTHO	OR AUTHORIZED AGENT	<u>8</u>	CODE		
			B -44-14-14-14-14-14-14-14-14-14-14-14-14-									

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

See Trading Bay Production Facility Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(17-19)

OMB No. 2040-0004

NAME COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) NAME/TITLE PRINCIPAL EXECUTIVE OFFICER. Whole Effluent Toxicity Produced Water Produced Water 015 Whole Effluent Toxicity Produced Water Whole Effluent Toxicity Produced Water Total Ammonia ¥ P Produced Water 25 ¥ Produced Water Mytilis sp Menidia beryllina General Manager Mid Continent/Alaska Business Unit PARAMETER TYPED OR PRINTED (32-37) Union Oil Company of California
Attn: John Zager
P.O. Box 196247
Anchorage, AK 99519-6247
Trading Bay Production Facility
Cook Inlet, Alaska John Zager MEASUREMENT PERMIT MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT MEASUREMENT MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT HOUREMENT SAMPLE PERMIT PERMIT PERMIT PERMIT SAMPLE SAMPLE PERMIT SAMPLE SAMPLE SAMPLE (3 Card Only) (46-53) I certify under penalty of law that this document and all attachments were prepared under false information, including the possibility of fine and imprisonment for knowing violations. true, accurate, and complete. I am aware that there are significant penalties for submitting gathering the information, the information submitted is, to the best of my knowledge and belief my direction or supervision in accordance with a system designed to assure that qualified the person or persons who manage the system, or those persons directly responsible for personnel properly gather and evaluate the information submitted. Based on my inquiry of AVERAGE QUANTITY OR LOADING MAXIMUM STINO "Identified as the most sensitive species (4 Card Only) (20-21)08 KEAR (38-45)MINIMUM PERMIT NUMBER AKG-31-5002 (22-23)**%** § QUALITY OR CONCENTRATION (24-25)의목 No Sample (46-53)No Sample Report Report AVERAGE 283 283 283 6.42 MONITORING PER 6 43 œ œ 궁 YEAR 80 No Sample No Sample Report PRINCIPAL EXECUTIVE OFFICER Report MAXIMUM DISCHARGE NUMBER 568 568 568 6.42 143 27 00 œ OR AUTHORIZED AGENT Timothy Brandenbur SIGNATURE OF (28-29)3 8 ₹ ing/L JUC ng/i 딩 TUC mg/L UNITS (30-31) T C 등 TUC 쩅 夏 mg/ 3 3 3 3 3 (62-63) 모증 NOTE: Read instructions before completing this form CODE (907) 276-7600 Quarterly OF ANALYSIS FREQUENCY TELEPHONE Quarterly Monthly Annually Agnually Annually Quarterly Quarterly Monthly Monthly Annually Monthly (64-68) NUMBER YEAR 8 SAMPLE Grab (69-70) DATE Grab TYPE 8 8 8 8

NAME ADDRESS

Union Oil Company of California
Attn: John Zager
P.O. Box 196247
Anchorage, AK 99519-6247
Trading Bay Production Facility
Cook Inlet, Alaska

LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

(20-21) 08 R PERMIT NUMBER (2-16) AKG-31-5002 MO **05** (22-23) (24-25)S NITORING PERIOD 7 **8**₽ DISCHARGE NUMBER (28-29)(17-19) 88 (30-31) 3 PA

NOTE: Read instructions before completing this form.

COMMENTS PAGE 3 OF 3

- * Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms. Estimated well completion fluid flow rate: 0.027405 MGD

 Estimated workover fluid flow rate: 0.035700 MGD
- *** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period. ** Frequency of pH measurement has been increased to more closely monitor water quality.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: 3 certify under penalty of law that this document and all attachments were prepared under	·	TELEPHON	ONE		DATE	
	my direction or supervision in accordance with a system designed to assure that qualified	NA NA					
John Zager	personnel properly gather and evaluate the information submitted. Based on my inquiry of	STATE OF THE PARTY	(907) 276-7600	-7600	8	8	20
General Manager	the person or persons who manage the system, or those persons directly responsible for	Timothy Brandenburg					
Mid Continent/Alaska Business Unit	Mid Continent/Alaska Business Unit gathering the information, the information submitted is, to the best of my knowledge and belief,	SIGNATURE OF					
	true, accurate, and complete. I am aware that there are significant penalties for submitting	PRINCIPAL EXECUTIVE OFFICER	AREA	NUMBER	YEAR	MO	DA
TYPED OR PRINTED	faise information, including the possibility of fine and imprisonment for knowing violations.	OR AUTHORIZED AGENT	CODE			_	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	'IONS (Reference all attachments here)						